SHARP

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FULL LINE CALCULATOR BROCHURE

SHARP

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EL-334TB

- Extra large 10-digit (16.0 mm) LCD display with punctuation
- Twin power
- 4-key memory
- + Tax, - Tax and Grand Total keys
- Kick stand

EL-330TB

- Extra large 8-digit (15.0 mm) LCD slant display with punctuation
- + Tax, - Tax keys
- Conversion function
- Twin power
- 4-key memory

EL-310TB

- Extra large 8-digit (14.0 mm) LCD slant display with punctuation
- + Tax, - Tax keys
- Twin power
- 3-key memory

EL-377TB

- Extra large 10-digit (12.0 mm) LCD slant display with punctuation
- + Tax, - Tax keys
- Twin power
- 3-key memory

EL-244TB

- Extra large 8-digit (13.0 mm) LCD slant display with punctuation
- + Tax, - Tax keys
- Twin power
- 3-key memory
- Percent Keys

EL-2139HB/ EL-339HB

- Executive Desktop Calculator with metal finish design
- Large 12-digit 19.5 mm LCD display with punctuation (16.0 mm on EL-339HB)
- Low noise keyboard
- Cost/Sell/Margin function
- Twin power
- Answer check function
- 4-key memory
- Kick stand

EL-326SB

- Extra large 8-digit (13.5 mm) LCD display with punctuation
- Twin power
- Tax keys and Rate Set function
- Metal cabinet
- 4-key memory

EL-240SB

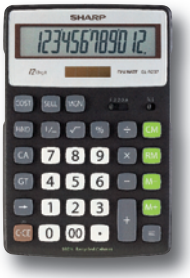
- Protective LCD cover
- Extra large 8-digit (13.5 mm) LCD display with punctuation
- Slant display
- Twin power
- 3-key memory

EL-243SB

- Protective LCD cover
- Extra large 8-digit (13 mm) LCD display with punctuation
- Slant display
- Twin power
- 3-key memory

EL-233SB

- Large 8-digit (8.0mm) LCD display
- 3-key memory
- Percent and square root keys
- Battery powered



EL-R297BBK

- Large Desktop Design
- 100% Recycled Cabinet
- Solar & Battery Powered
- Cost-Sell-Margin Keys
- Large 12-digit LCD Display with Punctuation
- Mercury & Lead Free - RoHS Compliant
- Post Consumer Recycled Content

EL-R287BBK

- 100% Recycled Cabinet
- Solar & Battery Powered
- Cost-Sell-Margin Keys
- Large 12-digit LCD Display with Punctuation
- Mercury & Lead Free - RoHS Compliant
- Post Consumer Recycled Content

EL-R277BBK

- 100% Battery Free
- 100% Recycled Cabinet
- 100% Solar Powered Only
- Large 8-digit (13.5 mm) LCD display with punctuation
- Mercury & Lead Free - RoHS Compliant
- Post Consumer Recycled Content

EL-S10BBL/ EL-S10BPK

- Extra large 8-digit (13.5 mm) LCD display with punctuation
- BLUE or PINK translucent cabinet with easy-to-hold contoured design
- Attached protective cover with snap closure — great for kid's backpacks!
- Battery powered
- Plastic keys for durability with contrasting fonts
- 3-key memory
- Square root, percent and sign change keys

EL-S25BBL

- Math Quiz Calculator
- Features easy-to-use flash card function for math learning
- Multiplication table quiz function
- Large 10-digit display
- Twin powered
- Additional features: all standard calculator features, percent and Pi keys

EL-T100AB

- Brain Exercising Calculator keeps minds active with simple but challenging math drills
- Easily choose the number of math drill problems in increments of 25, 50 or 100
- Performance Tracker tracks scores based upon speed and accuracy of responses and then provides brains fitness level
- Top three scores stored in calculator's memory
- Large 10-digit display
- Twin powered
- Additional features: all standard calculator features, percent and tax keys

EL-506XBWH/ EL-520XBWH

- D.A.L. Direct Algebraic Logic to simplify entry of equations
- Large 12-digit, 2-line LCD display
- Multi-line playback
- 9 independent memories plus Last Answer Recall
- Metric conversions
- Differential and integral Calculus functions and physical constants
- # of Functions: EL-506WBBK = 469 and EL-520WBBK = 419
- Twin power (solar & 2 LR44 batteries)
- Hard cover

EL-W516XBSL

- WriteView® Technology – Formulas displayed as written in textbooks with extra large 4-Line, 12-digit LCD display
- Modes: Normal, Stat, Drill, Complex, Matrix, List, Equation
- Playback feature – to edit and make changes to formulas easily
- Improved calculation speed for smooth operations
- Four programmable keys for quick use of user desired functions
- Ability to solve three simultaneous equations
- 535 scientific functions
- Hard cover/Twin Powered

EL-531XBWH/ EL-531XBGR

- D.A.L. Direct Algebraic Logic to simplify entry of equations
- Large 12-digit, 2-line LCD display
- Multi-line playback
- 9 independent memories plus Last Answer Recall
- Fractions and 2 variable statistics
- 272 functions
- Uses 2 LR44 batteries
- Hard cover
- Available in green and black cases

EL-W535XBSL

- WriteView® Technology – Formulas displayed as written in textbooks with extra large 4-Line, 12-digit LCD display
- Modes: Normal, Drill, Stat
- Playback feature – to edit and make changes to formulas easily
- Improved calculation speed for smooth operations
- Four programmable keys for quick use of user desired functions
- 335 scientific functions
- Hard cover/Battery powered

EL-501XBWH EL-501XBGR

- Large 10-digit, 1-line LCD display
- 131 functions and 1 memory
- 2 LR44 batteries
- Hard cover
- Available in green and black cases

EL-500WBBK

- D.A.L. Direct Algebraic Logic to simplify entry of equations
- Extra-large 10-digit LCD numeric dot matrix display
- Fraction functions: Simplification, mixed fractions, reduce to common denominator, greatest common factor and least common multiple
- Playback: after getting an answer, the user may then "play back" the expression and substitute new numeric values
- 131 functions, 2 memories

SCIENTIFIC

EL-2630PIII

- Large 12-digit blue fluorescent display
- Fast 4.8 LPS, 2-color heavy-duty ribbon printer
- MU function includes Cost/Sell/Margin calculation
- Clock/Calendar function
- Time Calculation
- Wide keyboard layout
- Professional keyboard
- 4-key memory
- Built-in GT and Tax calculations
- Floating (F) or fixed decimal (6,3,2,1,0)

EL-1197PIII

- Large 12-digit blue fluorescent display
- Fast 4.5 LPS, 2-color heavy-duty ribbon printer
- MU function includes Cost/Sell/Margin calculation
- Tax key for easy tax calculations
- Clock/Calendar function
- Time Calculation
- Professional keyboard
- 4-key memory
- Built-in GT
- Floating (F) or fixed decimal (6,3,2,1,0)

EL-2196BL

- Large 12-digit fluorescent display
- Fast 3.7 LPS, 2-color ribbon printer
- MU function includes Cost/Sell/Margin calculation
- Clock/Calendar function
- Built-in GT and Tax calculations
- Item Counter
- 4-Key Memory
- Floating (F) or fixed decimal (6,3,2,1,0)

EL-2192RII

- Large 12-digit blue fluorescent display
- Fast 3.0 LPS, 2 color serial printer
- Tax key for easy tax calculations
- Professional keyboard
- 4-key memory
- Built-in GT
- Floating (F) or fixed decimal (6,3,2,1,0)

EL-1801V

- Large 12-digit blue fluorescent display with punctuation
- Quick 2.5 LPS, 2-color serial printer on standard 2 1/4" paper
- One-touch change calculation function
- Cost/Sell/Margin keys, Grand Total and Average functions
- Calendar/Clock function
- Built-in + Tax, - Tax and right shift keys
- Floating (F) or fixed decimal (6,3,2,1,0), add (A) mode, item count, round up/down/off selector

EL-1750V

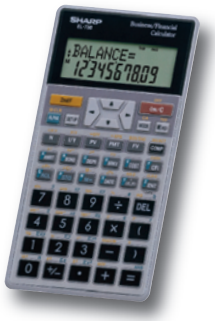
- 12-digit LCD display with punctuation
- Quick 2.2 LPS, 2-color serial printer on standard 2 1/4" paper
- One-touch change calculation function
- Cost/Sell/Margin keys, Grand Total and Average functions
- Calendar/Clock function
- Built-in, Mark Up, + Tax, - Tax and right shift keys
- Floating (F) or fixed decimal (3,2,0), add (A) mode, item count, round up/down/off selector
- AC/DC Power - AC Adapter included (4 "AA" batteries not included)

EL-1611PA

- Extra large 12-digit LCD display
- Rubber Touch keyboard
- One-color serial printer (1.6 LPS)
- 4-key memory
- Floating (F) or fixed decimal (3,2,1,0)
- Add (A) mode
- + Tax, - Tax keys
- Attached metal paper holder -2 1/4" paper
- AC/DC Power - AC Adapter included (4 "AA" batteries not included)

PRINTING

EL-738C



- Financial calculator computes all time-value-of-money calculations
- Large 2-Line, 10-digit LCD display with mode indicators
- Amortization calculations and interest rate conversions
- Non-uniform cash flow calculations
- 2 variable statistics with linear regression
- Cost/Sell/Margin and mark-up calculations
- Sign change, percent and square root keys
- Wallet case included

EL-344RB

- Metric converter with 44 built-in conversion
- Extra large 10-digit fraction display
- Twin powered
- Colored Conversion Keys for easy operation
- Sign change, percent and square root keys
- 3-key memory

EL-480SRB

- One-touch Cost/Sell/Margin keys for quick calculations
- Extra large 10-digit fraction display
- Twin powered – solar/battery
- Sign change, percent and square root keys
- 3-key memory

Model	Battery	Quantity	Back-up Battery	AC Adapter
EL-233SB	LR1130	1		
EL-240SB	Solar/LR1130	1		
EL-243SB	Solar/LR1130	1		
EL-244TB	Solar/LR1130/CR2032	1		
EL-310TB	Solar/CR2032	1		
EL-326SB	Solar/LR1130	1		
EL-330TB	Solar/CR2032	1		
EL-334TB	Solar/CR2032	1		
EL-344RB	Solar/LR1130	1		
EL-339HB	LR44	1		
EL-377TB	Solar/CR2032	1		
EL-480SRB	Solar/LR1130	1		
EL-500WBBK	LR44	2		
EL-501XBWH & GR	LR44	2		
EL-506XBWH	Solar/LR44	2		
EL-W516XBSL	Solar/LR44	1		
EL-520XBWH	Solar/LR44	2		
EL-531XBWH & GR	LR44	2		
EL-W535XBSL	LR44	1		
EL-738C	CR2032	1		
EL-1197PIII			CR2032 x 1	Included
EL-1611PA	AA	4		Included
EL-1750PIII V	AA (optional)	4	CR2032 x 1	Included
EL-1801PIII V			CR2032 x 1	Included
EL-2139HB	LR44	1		
EL-2192RII				
EL-2196BL			CR2032 x 1	Included
EL-2630PIII			CR2032 x 1	Included
EL-S10BBL & BPK	LR1130	1		
EL-S20BGR	Solar/LR1130	1		
EL-S25BBL	Solar/CR2025	1		
EL-T100A	Solar/CR2032	1		
EL-R287BBK	CR2032	1		
EL-R297BBK	CR2032	1		

Model	Description	Compatible Models
S-800BRC	Twin Spool Ribbon Conventional "C" Wind Black/Red (6 per pack)	EL-2630PII/PIII EL-1197PII/PIII, EL-2196BL
EA-732RP	Ink Roller (black)	EL-1611P, EL-1801A
EA-741RP	Ink Roller (black)	All EL-1197G Series
EA-772R	Ink Roller (black/red)	EL-1750P/PII/PIII/V and EL1801P/PIII/V
EA-781RRB	Ink Roller (red)	EL-1801C, EL-2192R/RII and EL-1192BL
EA-781RBK	Ink Roller (black)	EL-1801C, EL-2192R/RII and EL-1192BL, 40S/41S/505/506/425/406

Design, specifications, and options are subject to change without notice.

SEMI-DESKTOP

Model	EL-334TB	EL-330TB	EL-310TB	EL377TB	EL-244TB
Display	10-digit	8-digit	8-digit	10-digit	8-digit
3-Digit Punctuation	•	•		•	•
Memory	1 + GT	1	1	1	1
Answer Check					
+Tax/-Tax Calculation	•/•	•/•	•/•	•/•	•/•
Cost/Sell/Margin					
Square Root Key					
Conversion		•			
Percent Key	•	•	•	•	•
Sign Change	•	•			
Mark Up Key					
Grand Total Key	•			•	•
Constant	•	•	•	•	•
Auto Power Off	•	•	•	•	•
Double Zero Key	•				
Right Shift	•				
Kick Stand	•				
Slant Display		•	•		
Power Source	Solar / LR44 x 1	Solar / LR44 x 1	Solar / LR44 x 1	Solar/LR1130 x 1	Solar/LR1130 x 1
Dimensions (W x H x D)	4.3" x 6.7" x 0.6"	3.9" x 6.0" x 1.3"	3.4" x 4.6" x 1.1"	2.8" x 4.6" x 0.3"	2.4" x 4.1" x 0.4"
Weight	5.5 oz.	4.64 oz.	3.1 oz.	2.0 oz.	1.7 oz.
UPC Code	0 74000 01684 2	0 74000 01615 6	0 74000 01616 3	0 74000 01686 6	0 74000 01763 4

HANDHELD

Model	EL-2139HB	EL-339HB	EL-326SB	EL-240SB	EL-243SB	EL-233SB
Display	12-digit	12-digit	8-digit	8-digit	8-digit	8-digit
3 - Digit Punctuation	•	•			•	
Memory	1+GT	1+GT	1	1	1	1
Square Root Key	•		•	•	•	•
Percent Key	•	•	•	•	•	•
Sign Change	•	•		•	•	
Constant	•	•	•	•	•	
Last Answer Recall					•	
Decimal Setting	F-5-4-3-2-1-0-A	F-3-2-1-0			F-2-0	
+Tax/-Tax Calculation	-/-	-/-	-/-	-/-	-/-	-/-
Auto Power Off	•	•	•	•	•	•
Case			Wallet		Hard Cover	
Power Source	Solar/LR44 x 1	Solar/LR44 x 1	Solar/LR1130 x 1	Solar/LR1130 x 1	LR1130 x 1	LR1130 x 1
Dimensions (W x H x D)	5.5" x 7.7" x 0.9"	4.3" x 6.9" x 0.7"	2.7" x 4.5" x 0.3"	2.8" x 4.6" x 0.7"	2.5" x 4.1" x 0.4"	2.4" x 4.1" x 0.3"
Weight (oz)	8.3 oz.	5.8 oz.	2.1 oz.	2.0 oz.	1.8 oz.	1.2 oz.
UPC Code	0 740000 01734 4	0 74000 01735 1	0 74000 01617 0	0 74000 01619 4	0 74000 01620 0	0 74000 01705 4

RECYCLED

Model	EI-R297BBK	EL-R287BBK	EL-R277BBK
Display	12-digit	8-digit	8-digit
3 - Digit Punctuation	•	•	•
Memory	1 + GT	1	1
Square Root Key	•		•
Percent Key	•	•	•
Sign Change	•	•	•
Cost, Sell, Margin Key	•	•	
Last Answer Recall			-
Decimal Setting	F-3-2-0-A		
+Tax/-Tax Calculation	•/•		•/•
Auto Power Off	•	•	•
Key Material	Plastic	Plastic	Plastic
Case			
Power Source	Solar / CR2032 x 1	Solar / CR2032 x 1	Solar only
Dimensions (W x H x D)	5.1" x 7.8" x 0.7"	4.1" x 6.6" x .06"	2.3" x 4.5" x 0.8"
Weight (oz)	9.2 oz.	6.4 oz.	2.3 oz.
UPC Code	0 740000 1905 8	0 740000 019041	0 740000 19034

YOUTH / BRAIN / QUIZ

Model	EL-S10BBL/PK	EL-S25BBL	EL-T100AB
Display	8-digit	10-digit	10-digit
3-Digit Punctuation	•	•	•
Memory	1		1
Square Root	•	•	
Percent	•	•	•
Sign Change	•	•	
+Tax/-Tax Calculation			•
Quiz Function		•	•
Multiplication Drills		•	
Brain Exercise Function			•
Color	Blue or Pink	Blue	White
Key Material	Plastic	Plastic	Plastic
Power Source	LR1130	Solar/CR2025x1	Solar/CR2032
Dimensions	2.8" x 4.2" x 0.4"	3.3" x 4.9" x 0.7"	3.9" x 5.9" x 1.1"
Weight (ounces)	1.9 oz.	2.2 oz.	4.3 oz.
UPC Code	0 74000 01805 1 BL	0 74000 01861 7	0 74000 01847 1

Model	EL-506XBWH	EL-520XBWH	EL-531XBWH/GR	EL-501XBWH/GH	EL-500WBBK	EL-W516XBSL	EL-W535XBSL
Display							
Display	2-Line	2-Line	2-Line	1-Line	1-Line	4-Line	4-Line
Dot Matrix	12-digit	12-digit	12-digit	10-digit	10-digit (96x32)	16-digit (96x32)	16-digit (96x32)
Segment*	10+2-digit	10+2-digit	10+2-digit	10-digit			
Exponent Symbol(x10)	•	•	•			• (E)	• (E)
Calculation Result(Mantisa+Exponent)	10+2-digit	10+2-digit	10+2-digit	8+2-digit	10+2-digit	10+2-digit	10+2-digit
Basic Feature							
Number of Functions	469	419	272	131	131	535	335
Input Logic	D.A.L.	D.A.L.	D.A.L.	Standard	D.A.L	D.A.L.	D.A.L.
Editing Equation	•	•	•		•	•	•
Playback Equation	•	•	•		•	•	•
Multi-line Playback	•	•	•			•	•
Algebraic Substitution [ALGB]	•	•	•			•	
Memory							
Number of Memory	9	9	9	1	1	9	9
Last Answer Memory	•	•	•		•	•	•
User Define Memory						•	•
Math Function							
Constant Calculation	•	•	•	•	•	•	•
Chain Calculation	•	•	•	•	•	•	•
( )	•	•	•	•	•	•	•
%, √, X2, X-1, π	•	•	•	•	•	•	•
Fraction Calculation	•	•	•	-	•	•	•
Scientific Calculation							
sin, cos, tan, sin-1, cos-1, tan-1	•	•	•	•	•	•	•
log, ln, 10x, ex	•	•	•	•	•	•	•
log _ax						•	•
yx, x√, 3√, '->r θ, ->xy	•	•	•	•	•	•	•
sinh, cosh, tanh, sinh-1	•	•	•	•		•	•
nCr, nPr	•	•	•		•	•	•
DEG, RAD, GRAD [DRG]	•	•	•	•	•	•	•
->DEG, ->DMS	•	•	•	•		•	•
>DEG, >RAD, >GRAD [>DRG]	•	•	•	•	•	•	•
Statistics Functions							
1 Variable Statistics	•	•	•	•	•	•	•
2 Variable Statistics	•	•	•			•	•
Regression Types	6	6	6			7	7
Normal Probability	•	•				•	
Special Functions							
3 Variable Linear Equation Solver	•	•				•	
Physical Constant (kinds)	• (52)	• (52)				• (52)	
Metric Conversion (kinds)	• (44)	• (44)				• (44)	
Physical							
Dimensions (W x H x D)	3.1" x 6.1" x .5"	3.1" x 6.1" x .5"	3.1" x 6.1" x .5"	3.1" x 5.7" x .5"	3.1" x 5.7" x .5"	3.1" x 6.4" x .6"	3.1" x 6.4" x .6"
Weight (ounces)	3.4 oz.	3.4 oz.	3.4 oz.	2.7 oz.	2.6 oz.	3.5 oz.	3.5 oz.
UPC Code	0 74000 019157	0 74000 019140	0 74000 019133 WH 0 74000 019195 GR	074000019218 WH 074000019225 GR	0 74000 02094 8	0 74000 019171	0 74000 019164

* Function counts are for comparison between Sharp models only.

PRINTING

Model	EL-2630PIII	EL-1197PIII	EL-2196BL	EL-2192RII	EL-1801V	EL-1750V	EL-1611P
Display	12-digit (17.0 mm)	12-digit (14.0 mm)	12-digit (12.0 mm)	12-digit (12.0 mm)	12-digit (12.0 mm)	12-digit (19.0 mm)	12-digit 2 (11.5 mm)
Display Style	Blue Fluorescent	Blue Fluorescent	Blue Fluorescent	Blue Fluorescent	Blue Fluorescent	LCD	LCD
Print Head	Ribbon	Ribbon	Ribbon	Serial	Serial	Serial	Serial
Professional Keyboard	•	•	•	•	•	•	
Calendar/Clock Function	•	•	•		•/•	•/•	
Memory	2	2	2	2	2	2	1
Decimal Setting	F-6-3-2-1-0	F-6-3-2-1-0	F-6-3-2-1-0-A	F-6-3-2-1-0-A	F-6-3-2-1-0-A	F-3-2-0-A	F-3-2-1-0-A
Adding Mode	•	•	•	•	•	•	•
Constant	•	•	•	•	•	•	•
Double Zero Key	•	•	•	•	•	•	•
Rounding Settings	Up/Off/Down	Up/Off/Down	Up/Off/Down	Off/Down	Up/Off/Down	Up/Off/Down	
Item Counter	•	•	•	•	•	•	
Grand Total Key	•	•	•	•	•	•	
Change Key					•	•	
+Tax/-Tax Calculation	•/•	•/•	•/•	•/•	•/•	•/•	•/•
Cost/Sell/Margin Key					•	•	
Mark Up Key	•	•	•	•			
Average Key	•	•			•	•	
Conversion Function	•	•		•			
Print Colors	2	2	2	2	2	2	1
Print Speed	4.8 LPS	4.5 LPS	3.7 LPS	3.0 LPS	2.1 LPS	2.0 LPS	1.6 LPS
Power Source	AC	AC	AC	AC	AC	AC (4 AA Batteries optional)	4 AA batteries (AC optional)
Dimensions (W x H x D)	9.0" x 13.2" x 3.1"	8.7" x 12.9" x 3.1"	8.7" x 12.9" x 3.1"	8.7" x 12.0" x 2.8"	7.6" x 10.1" x 2.5"	5.9" x 9.1" x 2.0"	7.5" x 3.8" x 1.6"
Weight	4.2 lbs.	4.2 lbs.	4.2 lbs.	2.9 lbs.	2.2 lbs.	1.1 lbs.	0.7 lbs.
UPC Code	0 74000 01851 8	0 74000 01671 2	0 74000 01792 4	0 74000 01669 9	0 74000 01719 1	0 74000 01682 8	0 74000 01622 4

SPECIALTY

Model	EL-738C*	EL-344RB	EL-480SRB
Display	10-digit / 2-Line	10-digit	10-digit
3 - Digit Punctuation	•	•	•
Memory	5	1	1
Square Root Key	•	•	•
Percent	•	•	•
Sign Change	•	•	•
Constant	•	•	•
Metric Conversion		• (44 functions)	
Business Calculation	•		•
Decimal Setting	•		
Auto Power Off	•	•	•
Key Material	Plastic	Rubber	Rubber
Case	Wallet	Wallet	Wallet
Power Source	CR2032 x 1	Solar/LR1130	Solar/LR1130 x 1
Dimensions (W x H x D)	3.2" x 5.9" x 0.4"	2.8" x 4.8" x 0.2"	2.7" x 4.7" x 0.3"
Weight (oz)	3.5 oz.	2.2 oz.	2.3 oz.
UPC Code	0 74000 01426 8	0 74000 01833 4	0 74000 01643 9

*Additional financial features - amortization, cost/sell/margin, cash flow calculation, present value/future value payments, and time value of money.